System

Eurocat 200

comprehensive, versatile composition programs, for more efficient typesetting.

The investment in photocomposition puts typesetting managers in front of difficult choice. New equipment? Certainly – but only if it is compatible both with present needs and future developments.

A competitive system must measure up to many standards: speed, typographical quality, cost, simplicity in use, easy maintenance, an efficient after-sales service, and the ability to respond to the real needs of the present and the future.

High performance programs should simplify and speed up the typesetting process at every stage.

A package of comprehensive, versatile programs should be available, so that the equipment can respond to all demands, both present and future.

Bobst Graphic took all these requirements into account, when designing the Eurocat 200 range.

Set your future with

Bobstgraphic

Photocomposition *Switzerland*

A system you control with your fingertips...

At your fingertips: fast, simple keying-in. With the Eurocat 200 you get more than just a non-counting keyboard. Copy preparation is simplified, and typographical commands are keyed in faster, by means of the programmable keys and the formats provided.

99 formats: call up any of these, and you obtain stored text, or a string of repetitive typesetting orders automatically.

Programmable keys: assigning text and/or typographical commands to a single key gives the sytem even more capacity and speed. Whether used to set novels, art books, school-books, formularies and tables, periodicals, the built-in «brain» takes over when required, and straight-through typing of unjustified text becomes even faster, even cheaper.

... and with your eyes!

The Videoset correction and editing station is **the "eye" of** the Eurocat 200.

Full control over the text is now a fact for the typographer. He has at his disposition a versatile program for correction, editing, vertical justification, mixing texts from different sources, and checking the proof height.

Hand stripping is greatly simplified by range of possibilities offered by Videoset equipment.

Depending on options selected, the Eurocat 200 offers further advantages, such as:
Preliminary loading of formats – dictionary of exceptions – hyphenating routines for 15 languages – automatic statistic generation – simpler invoicing – automatic production recording – job identification by computer – automatic character generation – automatic execution of whole functions – automatic text-search for correcting – vertical justification – programmable keys – automatic page make-up, etc.

Input

Keyset

Time-saving with the Eurocat 200 starts right with keying-in. Typing straight through on the Keyset non-counting keyboard is the first step towards really simple composition.
Key-in reliability is aided by the clear keyboard layout. The "text" and the "function" keys are colour-coded for instant recognition.
The display screen enables the operator to check the last 32 characters typed at any time, and to correct if necessary.
Six programmable keys can have an adequate volume of text or commands assigned to each of them. With a single keystroke, the operator calls up words, figures, or whole texts up to 2000 signs, automatically.
600 000 characters can be stored on a single magnetic tape cassette. (This is the equivalent of 2 average paperbacks).
Decentralized keying-in is no problem. Keyset stations are system-independent, for fully of-line working.

See technical data on page 8

Processing

Autoset

The Autoset 200 is the brain of the Eurocat 200. It transmits orders, organizes the processing operations, informs the operator permanently on the states of the machine and the programs.
The computer has a memory capacity of 32 K, which can be expanded if necessary. Thus the right program is always available.
Automatic hyphenating for fifteen languages.
Exception dictionary for proper hyphenation of foreign words.
99 formats simplify all composition work by automatically commanding:
multi-column setting
automatic centering of floating accents
recomposition of an existing text with different justification, style and font, without retyping
composition of memorized texts or tables, as required
updating of schedules, directories, timetables, etc.
automatic kerning and width modifications
automatic text volume counting, for simpler invoicing
composition of mathematical works
automatic repetition of signs
automatic positioning of margin notes, etc.

See technical data on page 8

Videoset

Correction-Edition and Editing

The display equipment is one of the vital functions specially developed by Bobst Graphic to give the typographer full control over the text.
A large screen with 23 lines of 80 signs each in point size 20, with independant keyboard is a help for better working conditions. The brightness of the screen is adjustable to the existing light conditions. Consequently characters are perfectly readable.
The Videoset can be used in conjunction with the Autoset processing unit to produce work with high efficiency.
Simultaneous correction and editing. Blocks of text can be controlled and mixed at will, vertical justification can be carried out, and the built-in memory holds up to 8000 signs; owing to these features correction and page make-up can be done in a single operation.
Vertical justification is performed automatically by the insertion of variable, proportional spaces.
Text mixing considerably simplifies page make-up. Texts from different sources, such as footnotes, mathematical formulas, tables, etc. can be easily inserted.
The manual mounting is thus greatly simplified by the range of Videoset equipment.

See technical data on page 8.

Photoset

Flashing

The Photoset 142-8 is the last stage in photocomposition chain. This is where the work accomplished along the Eurocat 200 line is finally made tangible.
Perfect typographical quality is obtained by a high-definition micro-optical system, with highly accurate flash timing and a very short disk-film distance, allied to very simple mechanics.
Speed: 120 000 characters per hour. Flashing of new texts is only a matter of a few minutes.
64-cicero justification to cover the usual type area of an A3 page.
There are many further advantages offered by that photo-typesetter, namely:
8 fonts each with 126 characters
interchangeable lenspacks with 8 point sizes from 5 to 36 points
interchangeable disks
style mixing and point size mixing at will
Bobst Graphic also offers the Photoset 222-8 with a speed of 600 000 characters per hour, eight interchangeable founts and fifteen built-in point sizes.

See technical data on page 8.

With the Eurocat 200, you set with equal ease...

Your current jobs...

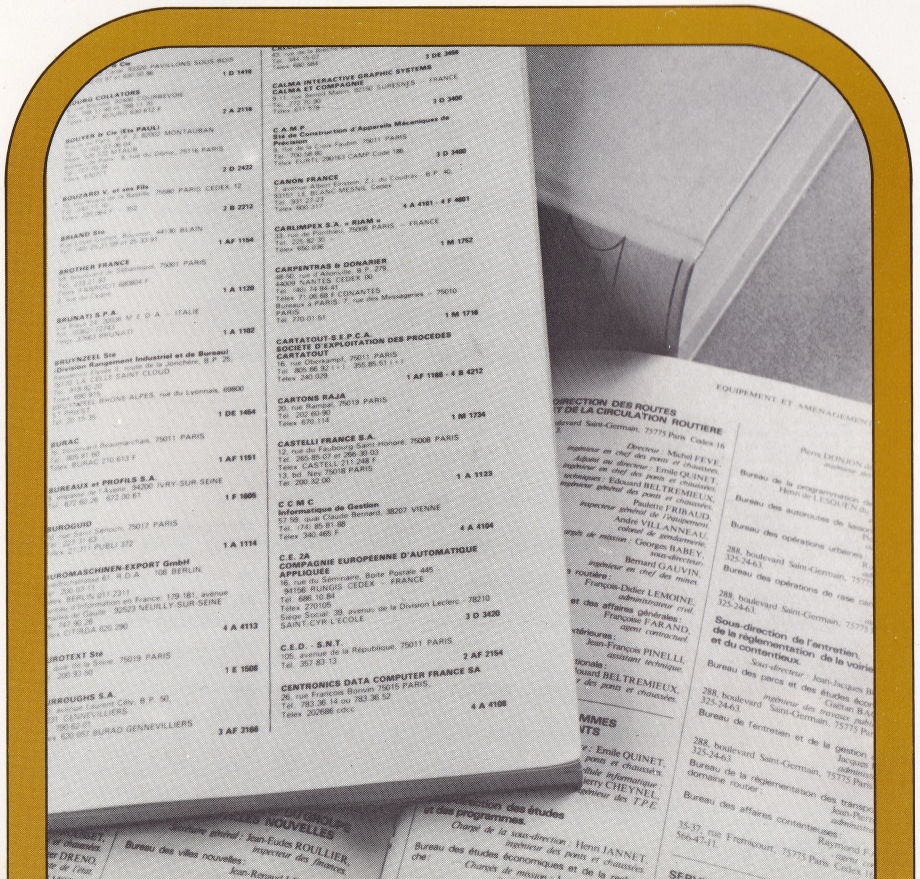
The operating capacities of the Eurocat 200 make it a truly **universal, modular system.**
Owing to its typesetting software it is adaptable to any type of job: novels, art books, school-books, formularies and tables, periodicals, etc. The Bobst Graphic setting specialists are ready to help your operators find the solutions best suited for your setting problems.
The start-up of your system is made by Bobst Graphic in your own printing shop to ensure the system is used in the best possible conditions and with maximum efficiency.

magazines...

Low cost per thousand characters is important when setting magazines. Bobst Graphic's Eurocat 200 range greatly simplifies preparation, typing, correction and page make-up of texts.
Simplified copy preparation. To set an article in columns, for example, just choose one code for the text, and another for the subheadings.
High-speed typing. Keyset keyboards allow straight through non-justified typing, all complicated codes being eliminated.
Correction and page make-up is no problem with the Videoset. The typesetter has a range of functions at his fingertips: automatic search, line call-up, memory storage, block move, vertical column justification, etc.
Direct, automatic page make-up of repetitive articles is performed under the control of formats, compiled in advance and selected when required.
120 000 characters per hour is the speed of the Photoset 142-8. This means that a new magazine page can be finished in a few minutes only.

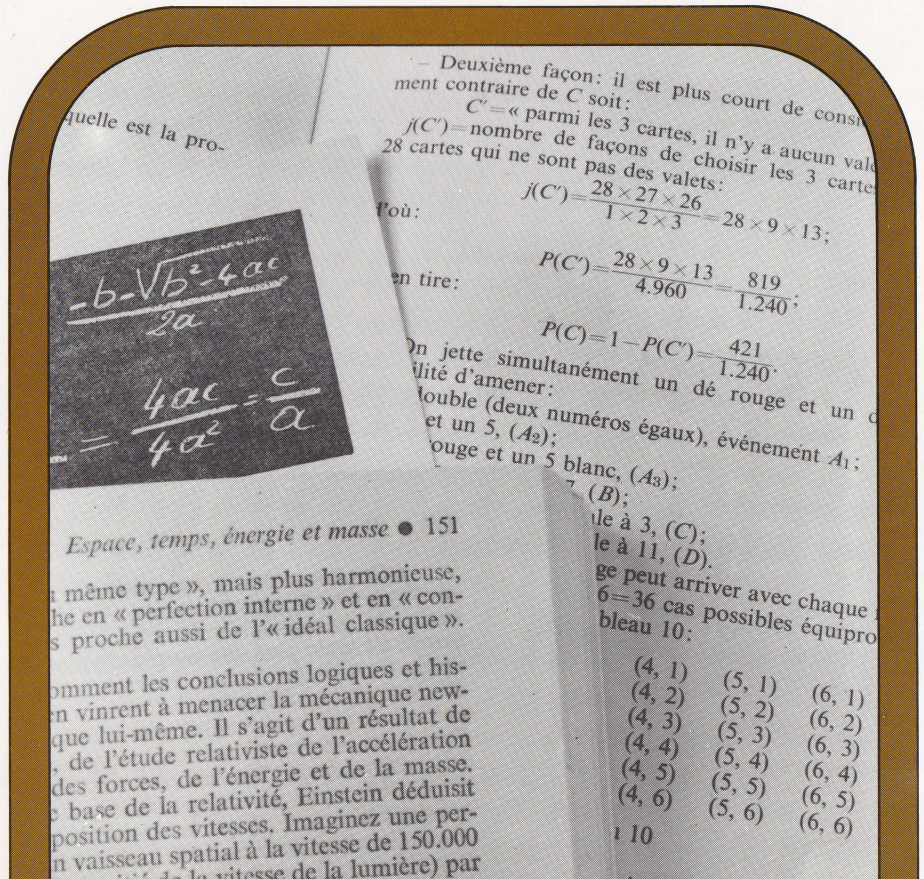
directories...

Typesetting a directory is particularly easy with the Eurocat 200. **The capacity of the composition program** turns copy preparation into just the straighforward indication of codes, without any typographical commands being needed, e.g.
h = heading, sh = subheading, etc.
Non-justified keying is extremely fast; the text is typed straight through, without needing to consider the typographical problems.
Cheap first proofs are produced at high speed by a line-printer. This enables the text, the hyphenating, and other typographical features to be checked immediately.
Page make-up is performed on Videoset display keyboards.
Typographical art keeps priority, technology comes second.
A new edition is just routine.
The formats store all typographical data, which can be called up when needed. Only the modifications and additions are keyed when a new edition is to be produced.



mathematical articles

The versatility and simplicity of the Eurocat 200 are particularly appreciated for setting of mathematical formulas, considered as the summit of typographical skill.
The standard Eurocat 200 program allows mathematical composition, permitting particularly elegant and efficient methods.
Owing to the Bobst Graphic method, the setting of a three-level formula can be done without casting-off or double keying. Sizes and positions of signs are automatically computed, whether in horizontal or vertical directions. The various sets of formats enable the selection of point sizes as well as the automatic positioning of various signs.
The Bobst Graphic system enables mathematical formulas to be keyed straight through, on a simple, non-counting keyboard, like any other text. This considerably simplifies the operator's work, and reduces costs.



Spécifications

Keyset

A 94-key keyboard with single and multicode keys
Six programmable keys
A 32-character display
Current fount display
N-Key roll-over
Set of 196 symbols
600000-character magnetic tape cassette recorder
Recording speed: 2800 characters per second
5 × 7 dot matrix
99 different jobs available per cassette

Videoset

Keyboard and correction screen
Set of 192 symbols
23 lines of text and one line of typhographic parameters can be shown on the screen
80 characters per line in pt size 20
Character definition: 10 × 10 dot matrix
Character viewed either in negative or in positive
97-keys keyboard, independent from screen
Read/write speed: 2800 characters/sec

Autoset 200

32 K 16 bits expandable memory
Bobst Graphic standard cabinet
Modular design
Cassette reader/recorder
8-Channel, 300-characters/sec paper tape reader
Control panel with push-buttons and tell-tale lamps
Display of the machine states
Magnetic cassette capacity: up to 600000 characters
Justification speed: up to 250 characters/sec

Photoset 142-8

Eight founts with 126 characters each
As standard in the machine: eight pt sizes from 5 to 36 pts (interchangeable)
Horizontal and vertical rules by juxtaposition of dashes
Width incrementation: 1/36 em quad
Light source: Xenon flash lamp
Size of photosensitized film or paper: 2, 3, 4, 6, 8, 10 or 12"
Potentiometer-controlled flashing
Production speed: 66 lines per minute or, 120 000 characters per hour

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The Bobst Graphic setting specialists are ready to help your operators find the solutions best suited for your setting problems.
The start-up of your system is made by Bobst Graphic in your own printing-shop to ensure the system is used in the best possible conditions and with maximum efficiency.

Technical data sheets for each machine and application notes for composing texts similar to the examples given in this brochure are available on request.

Set your future with

Bobstgraphic

Photocomposition *Switzerland*

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